BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK *: Improvements to roads and drians at maruthinagara layout main road and cross roads in kempegowda ward no-01*

Sl. No.	Description of Item	Unit	No.	L	B	D	Estimate Cost Rs. Qty.	10.00 Rate	Lakhs Amount
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 SR 2018-19								
		Cum							
	for CC road		1	65.00	4.50	0.275	80.44		
	for rcc drain		1	65.00	1.00	0.900	58.50		
	Basic Rate Rs	299.00					**138.94**	**316.94**	**44035.00**
	Add Area Weightage @ 6%	17.94							
	Total	**316.94**							
2	KSRB4.1.3: Providing and laying position plain cement concrete of Mix 1:4:8 with OPC cement @180Kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed , concrete laid in layers not exeecding 15 cms, thick, well compacted , in foundation , including cost of all materials, Labour , HOM of Machinery, Curing complete as per Specifications. Specifications No. KBS 4.1, 4.2 (P12/4.3). SR 2018-19								
	for cc road		1	65.00	4.50	0.15	43.88		
	for rcc drain		1	65.00	1.00	0.15	9.75		
	Basic Rate	5102.00					**53.63**	5408.12	**290010.00**
	Area Weightage @ 6%	306.12							
	Total	**5408.12**							
3	Providing and laying Plain /reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0.69 cum and fine aggregate at 0.43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc.completeexcluding cost of steel as per MORTH specification No.1500,1700,2200 Page No 271 Ite mo 37.59.2 SR 2018-19 (wall and bottom thickness 15cm.								
		Cum							
	Bottom raft								
			1	65.00	0.90	0.125	7.31		
	Side wall								
	New Drains								
			2	65.00	0.15	0.75	14.63		
	Basic Rate	6670.00					**Total** **21.94**	7070.20	**155103.00**
	Add Area Weightage @ 6%	400.20							
	Total	**7070.20**							

Sl. No	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
4	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. TMT bars Fe 500 KBS 4.6 3 Page No. 18/ Item No. 4.46/ PWD SR 2018-19								
		Tonne							
	for Drain 50kg/cum		1	21.94	50.00		1096.88		
	Total						**1096.88**		
	Basic Rate	70966.00					**1.10**	75223.96	**82511.00**
	Add Area Weightage @ 6%	4257.96							
	Total	**75223.96**							
5	Supplying and fixing **precast** rainforced concrete slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.(Drain covering slab)								
		Sqm							
			1	66.00	0.75		49.50		
	Data rate	2337.00				**Total**	**49.50**	2337.00	**115682.00**
6	KSRRB M600-6: cement concrete pavement, construction unreinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1051.2.2M20/M30 at 380/450 kg per cum, coarse and fine aggregate conforming to IS: 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including leveling the form work as per drawing,), spreading the concrete with shovels, rackers compacted using needle, scred and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved curing compound, finishing to lines and grade as per drawing complete as per specification M30(at 360kg per cum coarse aggregate @ 0.69cum and fine aggregare @ 0.46cum), , No. 174/ Item No. 22.6.1) SR 2018-19								
		Cum							
	for cc road		1	65.00	4.50	0.125	36.56		
	Basic Rate	4916.00					**36.56**	5210.96	**190526.00**
	Area Weightage @ 6%	294.96							
	Total	**5210.96**							
7	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1) SR 2018-19								
		Cum							
	Basic Rate for loading and unloading	57.00			Qty Vide Item No.1		**138.94**	87.56	**12165.00**
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							
	Grand Total	87.56							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
8	GST of 12% as per Govt Letter No PWD 65 RDF 2017 Dated 11-10-2018						Sub total		890032.0
									106803.8
9	Miscellaneous and unforeseen charges	Ls							
									3164.16
							Total Ammount Rs.		1000000.0

(Rupees F lakhs only)

CERTIFICATE

1) The site has been inspected and the work is found to be necessary.
2) The rates adopted are as per PW,P IWTD SR of 2018-19
3) The provisions were made in this estimate are necessary and adequate.
4) The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.
5) This work is not repeated in any other programs or Grants

Assistant Engineer
Ward No.1

Executive Engineer
Yelahanka-Division
B.B.M.P

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P

Administrative Sanction for Rs. 10.00 Lakh
Ten Lakhs only
is accorded under head P.1771-2018-19
Registered as CE No. ..... Subject to conditions contained in enclosed memo No. EE/AA/28/18-19 Dt. 25-2-19

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 10.00 Lakh
Rupees Ten Lakhs only
Under P.1771-2018-19
Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. ...../9/
Dt. ..... Estimate A/ Sanctioned EE/TS/34/18-19 No. .....
Dated 25-02-19 Rs. 10.00 Lakh

Executive Engineer

150 - YELAHANKA AC

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 1- KEMPEGOWDA WARD

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VILLAGE BOUNDARY
VILLAGE BOUNDARY
EXI. CMC WARD BND
EXI. CMC WARD BND
GOVINDAPURA
YELAHANKA AIRPORT AREA
BSF STC YELAHANKA
BELLARY ROAD
KEB LAYOUT PHASE-I
VILLAGE BOUNDARY
RYAN INTERNATIONAL SCHOOL
POLICE TRINING CENTRE
SAI SPRING FIELD COLONY
ALI ESTATE
VASUDEVAPURA
BSF BUS STOP
VINAYAKNAGAR
KEMPEGOWDA
CANADIAN INTERNATIONAL SCHOOL
G L RAJU COLONY
RAILWAY LINE
MACHENAHALLI
SATYAPPA ANJINAPPA KEMPAMMA LAYOUT
LAKE VIEW RESIDENCY
YALAHANKA KERE
BANGALORE SPOKES INDIA PVT LTD
VENKATALA
VENKATALA LAYOUT
VENKATAPPA LAYOUT
EXI CMC WARD BND
EXI CMC WARD BND
TANK LIMIT
CHOWDESWARI LAYOUT
BELLARY ROAD
MARUTHI NAGAR
MARUTHINAGAR
KENDRIYA VIHAR
RAILWAY STATION
KAMAKSHAMMA LAYOUT
EXI CMC WARD BND
SHANKARENA LAYOUT
BAZZAR ROAD
FM GOETZE PLANT
KULAPPA LAYOUT
BADRAPPA LAYOUT
JAYANNA LAYOUT
YELAHANKA
MAHESHWARE NAGAR
EAST COLONY
HOSPITAL ROAD
GANDHI NAGAR
N E S MAIN RD
NEHRU NAGAR
OORAMMA TEMPLE RD
BELLARY ROAD
BELLARY ROAD BYPASS
JAKKUR ROAD
SURABHI LAYOUT
BELLARY ROAD
RAILWAY LINE
JAKKUR ROAD
EXI CMC WARD BND
VIDYASHILP ACADAMY SCHOOL
EXI CMC WARD BND
EXI CMC WARD BND
SHOBHA ULTIMA VILAS
MANTRI TOWN SHIP

NOTIFICATION NO. UDD 61 MLR 2009 DATE 15.07.09

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- RAILWAY LINE
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